

RAW SEQUENCE LISTING

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Application Serial Number: 10/577,827
Source: IFWP
Date Processed by STIC: 05/11/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/577,827

TIME: 11:06:08

Input Set : A:\BY0033.Seq.txt

Output Set: N:\CRF4\05112006\J577827.raw

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4 <110> APPLICANT: Koga, Kazumi
5      Ozaki, Satoshi
6      Ichikawa, Daisuke
7      Nambu, Hirohide
8      Azuma, Tomoko
9      Sakai, Naoko
10     Kawagoe, Hiroko
11     Ohta, Hisashi
13 <120> TITLE OF INVENTION: SIMIAN ORL1 GENE AND METHOD OF ASSESSING COMPOUND
15 <130> FILE REFERENCE: BY0033
C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/577,827
C--> 18 <141> CURRENT FILING DATE: 2006-05-01
18 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/016552
19 <151> PRIOR FILING DATE: 2004-11-08
21 <150> PRIOR APPLICATION NUMBER: JP2003-377006
22 <151> PRIOR FILING DATE: 2003-11-06
24 <160> NUMBER OF SEQ ID NOS: 5
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1113
30 <212> TYPE: DNA
31 <213> ORGANISM: rhesus monkey
33 <400> SEQUENCE: 1
34 atggagcctc tcttccccgc cccattctgg gaggttatct acggcagcca ccttcagggc      60
36 aacctgtccc tctcagtc caaccacagt ctgctgcctc cgcactctgct gctcaatgcc      120
38 agtcacagcg ccttcctgcc cctcgggctc aaggtcacca tcgtggggct ctacctggcc      180
40 gtgtgtgtcg gggggctcct ggggaactgc ctcgtcatgt acgtcatcct caggcacacc      240
42 aaaatgaaga cagccaccaa tatttacatc tttaacctgg ccctggcaga cactctggtc      300
44 ctgctgacgc tgcccttcca gggcacagac atcctcctgg gcttctggcc gtttggaat      360
46 gccctgtgca agacagtcac tgccattgac tactacaaca tgttcaccag caccttcacc      420
48 ctgactgcca tgagtgtgga tcgctacgta gccatctgcc accccatccg cgccctcgac      480
50 gtccgcacat ccagcaaagc ccaggctgtc aatgtggcca tctgggccct ggcctctgtt      540
52 gttggtgttc cttgtgccat catgggctcg gcacaggctc aggatgaaga gatcgagtgc      600
54 ctggtggaga tccctgcccc acaggactac tggggccctg tgtttgccgt ctgcatcttc      660
56 ctcttctcct tcactgtccc cgtgctcatc atctccgtct gctacagcct catgatccgg      720
58 aggetccgcg gagtccgcct gctctcgggc tcccgggaga aggaccggaa cctgcggcgc      780
60 atcactcggc tgggtgctgg ggtggtggct gtgttcgtgg gctgctggac gcctgtccag      840
62 gtctttgtgc tgggtccaagg gctgggagtg cagccaggca gcgagactgc cgtggccatt      900
64 ctgcgtttct gcacggccct gggctacgtc aacagctgcc tcaaccccat cctctatgcc      960
66 ttcttgatg agaacttcaa ggctgtcttc cgcaagttct gctgtgcctc tgccctgcgc      1020
68 cgggaggtgc aggtgtccga ccgtgtgcgc agcattgcca aagatgtggc cctggcctgc      1080
70 aagacctctg agacggtacc gcggcccgcg tga
73 <210> SEQ ID NO: 2

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74 <211> LENGTH: 370
75 <212> TYPE: PRT
76 <213> ORGANISM: rhesus monkey
78 <400> SEQUENCE: 2
80 Met Glu Pro Leu Phe Pro Ala Pro Phe Trp Glu Val Ile Tyr Gly Ser
81 1 5 10 15
84 His Leu Gln Gly Asn Leu Ser Leu Leu Ser Pro Asn His Ser Leu Leu
85 20 25 30
88 Pro Pro His Leu Leu Leu Asn Ala Ser His Ser Ala Phe Leu Pro Leu
89 35 40 45
92 Gly Leu Lys Val Thr Ile Val Gly Leu Tyr Leu Ala Val Cys Val Gly
93 50 55 60
96 Gly Leu Leu Gly Asn Cys Leu Val Met Tyr Val Ile Leu Arg His Thr
97 65 70 75 80
100 Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu Ala Leu Ala
101 85 90 95
104 Asp Thr Leu Val Leu Leu Thr Leu Pro Phe Gln Gly Thr Asp Ile Leu
105 100 105 110
108 Leu Gly Phe Trp Pro Phe Gly Asn Ala Leu Cys Lys Thr Val Ile Ala
109 115 120 125
112 Ile Asp Tyr Tyr Asn Met Phe Thr Ser Thr Phe Thr Leu Thr Ala Met
113 130 135 140
116 Ser Val Asp Arg Tyr Val Ala Ile Cys His Pro Ile Arg Ala Leu Asp
117 145 150 155 160
120 Val Arg Thr Ser Ser Lys Ala Gln Ala Val Asn Val Ala Ile Trp Ala
121 165 170 175
124 Leu Ala Ser Val Val Gly Val Pro Val Ala Ile Met Gly Ser Ala Gln
125 180 185 190
128 Val Glu Asp Glu Glu Ile Glu Cys Leu Val Glu Ile Pro Ala Pro Gln
129 195 200 205
132 Asp Tyr Trp Gly Pro Val Phe Ala Val Cys Ile Phe Leu Phe Ser Phe
133 210 215 220
136 Ile Val Pro Val Leu Ile Ile Ser Val Cys Tyr Ser Leu Met Ile Arg
137 225 230 235 240
140 Arg Leu Arg Gly Val Arg Leu Leu Ser Gly Ser Arg Glu Lys Asp Arg
141 245 250 255
144 Asn Leu Arg Arg Ile Thr Arg Leu Val Leu Val Val Val Ala Val Phe
145 260 265 270
148 Val Gly Cys Trp Thr Pro Val Gln Val Phe Val Leu Val Gln Gly Leu
149 275 280 285
152 Gly Val Gln Pro Gly Ser Glu Thr Ala Val Ala Ile Leu Arg Phe Cys
153 290 295 300
156 Thr Ala Leu Gly Tyr Val Asn Ser Cys Leu Asn Pro Ile Leu Tyr Ala
157 305 310 315 320
160 Phe Leu Asp Glu Asn Phe Lys Ala Cys Phe Arg Lys Phe Cys Cys Ala
161 325 330 335
164 Ser Ala Leu Arg Arg Glu Val Gln Val Ser Asp Arg Val Arg Ser Ile
165 340 345 350
168 Ala Lys Asp Val Ala Leu Ala Cys Lys Thr Ser Glu Thr Val Pro Arg

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169          355          360          365
172 Pro Ala
173      370
176 <210> SEQ ID NO: 3
177 <211> LENGTH: 370
178 <212> TYPE: PRT
179 <213> ORGANISM: homo sapiens
181 <400> SEQUENCE: 3
183 Met Glu Pro Leu Phe Pro Ala Pro Phe Trp Glu Val Ile Tyr Gly Ser
184 1          5          10          15
187 His Leu Gln Gly Asn Leu Ser Leu Leu Ser Pro Asn His Ser Leu Leu
188      20          25          30
191 Pro Pro His Leu Leu Leu Asn Ala Ser His Gly Ala Phe Leu Pro Leu
192      35          40          45
195 Gly Leu Lys Val Thr Ile Val Gly Leu Tyr Leu Ala Val Cys Val Gly
196      50          55          60
199 Gly Leu Leu Gly Asn Cys Leu Val Met Tyr Val Ile Leu Arg His Thr
200 65          70          75          80
203 Lys Met Lys Thr Ala Thr Asn Ile Tyr Ile Phe Asn Leu Ala Leu Ala
204      85          90          95
207 Asp Thr Leu Val Leu Leu Thr Leu Pro Phe Gln Gly Thr Asp Ile Leu
208      100         105         110
211 Leu Gly Phe Trp Pro Phe Gly Asn Ala Leu Cys Lys Thr Val Ile Ala
212      115         120         125
215 Ile Asp Tyr Tyr Asn Met Phe Thr Ser Thr Phe Thr Leu Thr Ala Met
216      130         135         140
219 Ser Val Asp Arg Tyr Val Ala Ile Cys His Pro Ile Arg Ala Leu Asp
220 145         150         155         160
223 Val Arg Thr Ser Ser Lys Ala Gln Ala Val Asn Val Ala Ile Trp Ala
224      165         170         175
227 Leu Ala Ser Val Val Gly Val Pro Val Ala Ile Met Gly Ser Ala Gln
228      180         185         190
231 Val Glu Asp Glu Glu Ile Glu Cys Leu Val Glu Ile Pro Thr Pro Gln
232      195         200         205
235 Asp Tyr Trp Gly Pro Val Phe Ala Ile Cys Ile Phe Leu Phe Ser Phe
236      210         215         220
239 Ile Val Pro Val Leu Val Ile Ser Val Cys Tyr Ser Leu Met Ile Arg
240 225         230         235         240
243 Arg Leu Arg Gly Val Arg Leu Leu Ser Gly Ser Arg Glu Lys Asp Arg
244      245         250         255
247 Asn Leu Arg Arg Ile Thr Arg Leu Val Leu Val Val Ala Val Phe
248      260         265         270
251 Val Gly Cys Trp Thr Pro Val Gln Val Phe Val Leu Ala Gln Gly Leu
252      275         280         285
255 Gly Val Gln Pro Ser Ser Glu Thr Ala Val Ala Ile Leu Arg Phe Cys
256      290         295         300
259 Thr Ala Leu Gly Tyr Val Asn Ser Cys Leu Asn Pro Ile Leu Tyr Ala
260 305         310         315         320
263 Phe Leu Asp Glu Asn Phe Lys Ala Cys Phe Arg Lys Phe Cys Cys Ala

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264          325          330          335
267 Ser Ala Leu Arg Arg Asp Val Gln Val Ser Asp Arg Val Arg Ser Ile
268          340          345          350
271 Ala Lys Asp Val Ala Leu Ala Cys Lys Thr Ser Glu Thr Val Pro Arg
272          355          360          365
275 Pro Ala
276          370
279 <210> SEQ ID NO: 4
280 <211> LENGTH: 21
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: synthetic oligonucleotide
287 <400> SEQUENCE: 4
288 taccgtacag agtggatttg c
291 <210> SEQ ID NO: 5
292 <211> LENGTH: 17
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: synthetic oligonucleotide
299 <400> SEQUENCE: 5
300 acgggtacca cggacag

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21

17

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/577,827

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Input Set : A:\BY0033.Seq.txt

Output Set: N:\CRF4\05112006\J577827.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date